

ABSTRACT OF THE INVENTION

A communication system includes an MP high-order switching device which determines, for each of a plurality of switching devices, transmission timing at the which the switching device transmits packet data to a plurality of devices connected to the switching device so that data reception timings at a mobile terminal become simultaneous among the plurality of base stations, and a communication section which, in each of the plurality of switching devices, transmits packet data to the plurality of devices connected to the switching device, based on the determined transmission timing corresponding to the switching device.